ABSTRACT

A method is disclosed for instructing a user interface (UI) in communication with a first of vision processor (VP) to establish communication with a second (VP). The invention is useful in a machine vision system having a plurality of VPs and at least one UI. The method includes the steps of providing each VP with a link function for establishing communication between a VP and a UI; and activating the link function so as to issue instructions to the UI to establish communication with another VP. The link function enables local dynamic display of a remote VP on the UI, and a dynamic connection that provides a continually updated display representing a current state of the VP connected to the UI. An operator may observe results and alter parameters on any of the VPs in the system without having to first understand the architecture of the machine vision system.